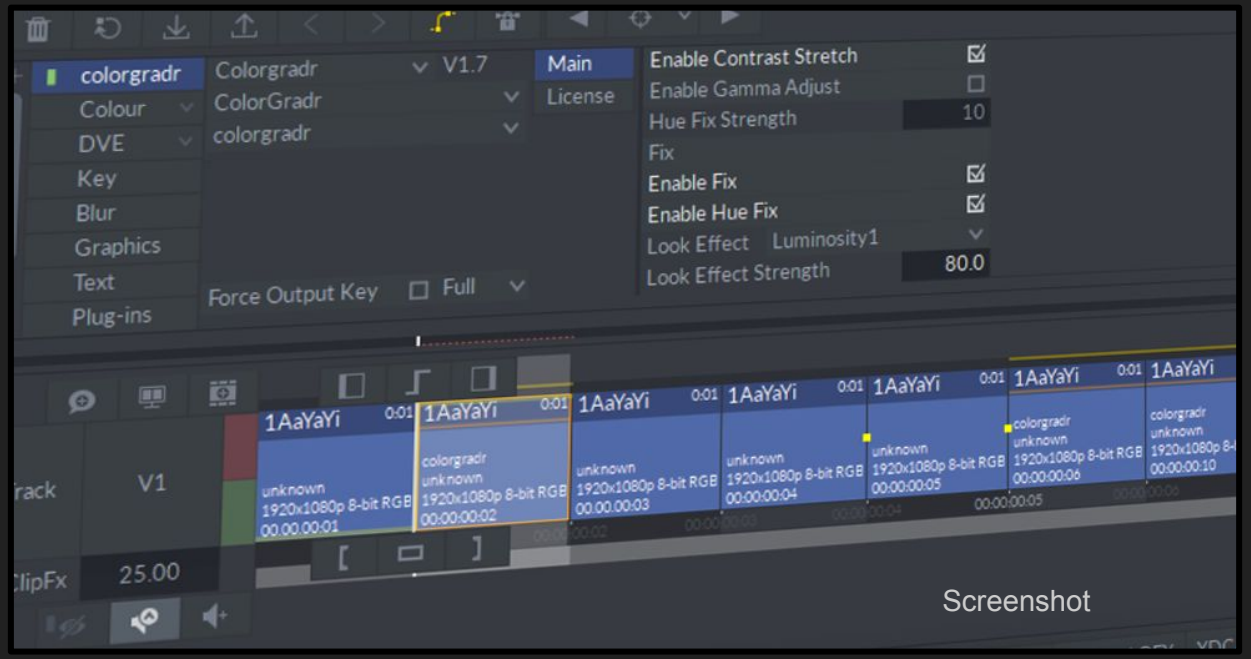
ColorGradr & Rio Guide

A 5 minute introduction



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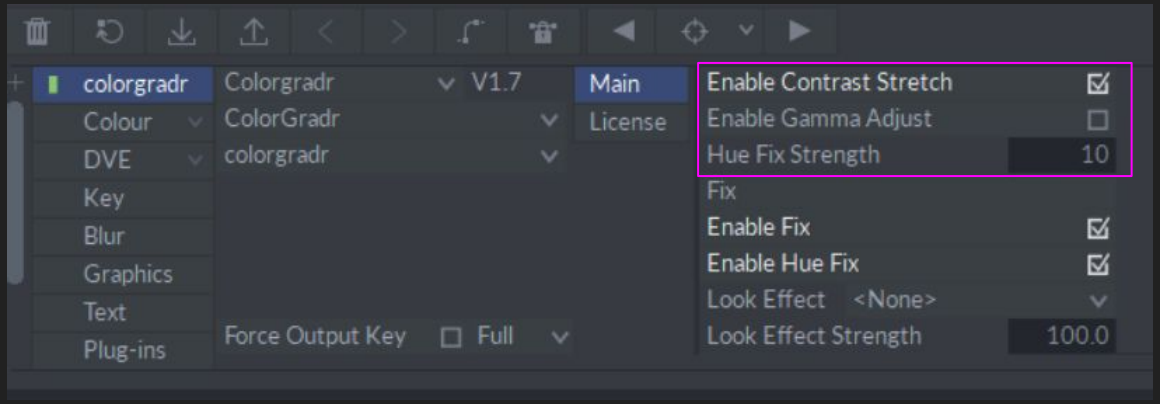

Once installed, ColorGradr will be found under the **OFX** process menu

Enable Contrast Stretch

Remaps the contrast to get the best maximum brightness from the image. Disable prior to Fix to leave contrast unaffected

Enable Gamma Adjust

Defaults to off. Attempts to move the mid brightness point of the image to a 50% point. Can be useful when matching different camera angles in the same lighting setup with the same subject in frame

Hue Fix Strength

Default 10. The lower the number, the closer to the original colour bias of the video footage. The higher the number, the stronger the attempted correction away from the original image's colour bias

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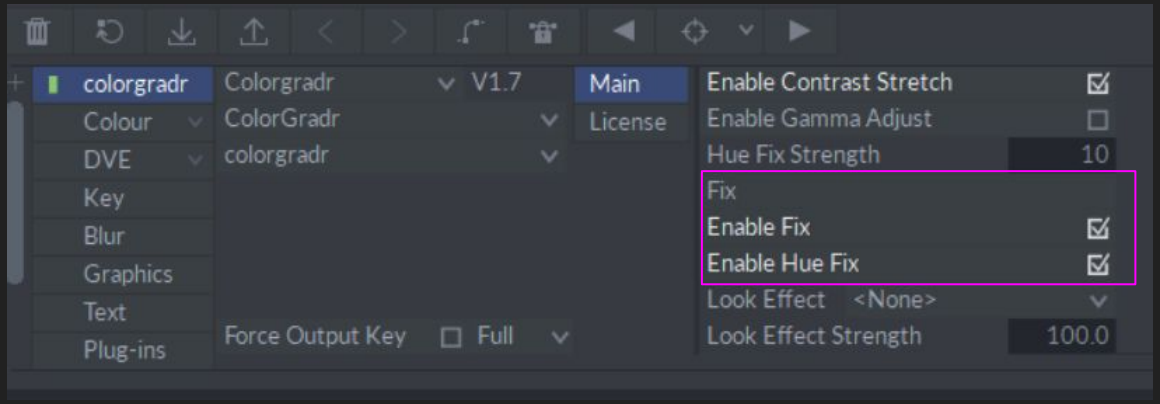

Fix
Analyse the currently parked frame, and attempt to ‘Fix’ an overly dark / bright & colour biased image

Enable Fix
Turn off any Fix applied

Enable Hue Fix
Turn off Hue Fix Strength value. Turning this off will reduce the amount of colour rebalancing ColorGradr is doing

Image Crops & Artifacts
Please note, if your source footage contains burnt in crops, or image corruption (even on a single line at the top or bottom of the image) this may negatively affect the quality of your ‘Fix’

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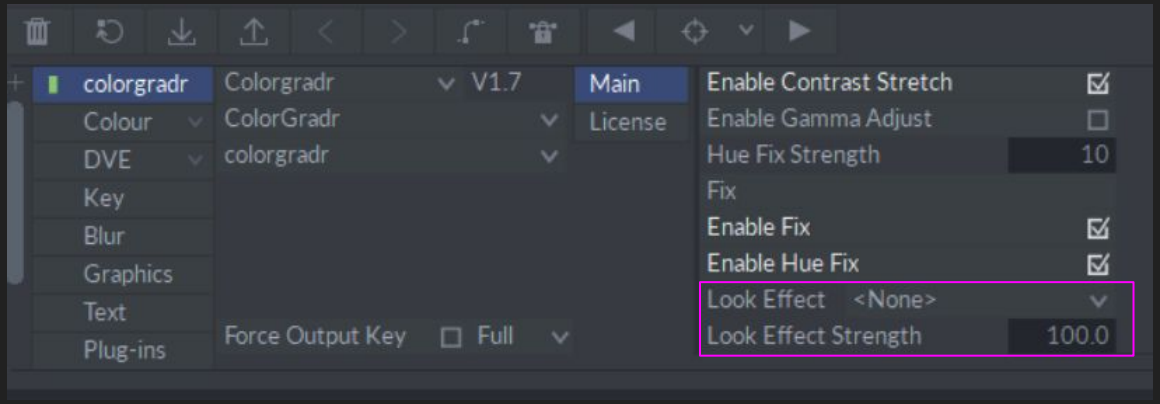

Look Effect
Applies a pre-loaded ‘filter’ which you can use to further enhance your image.
More information on the different filters can be found later in this document

Look Effect Strength
Value 0-200%. Control the amount of effect the Look filter has on the image

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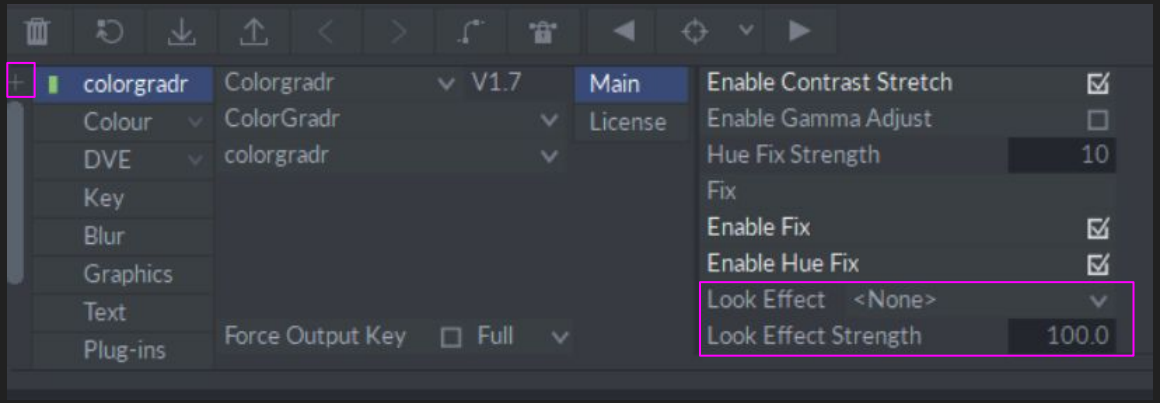

Using Look Effects

ColorGradr Pro comes with a number of specially designed pre-loaded filters.

Some of these filters are purely creative, some can further help to get the best out of the image.

You can even add more Look Effects by adding another ColorGradr process using the + button on the far left of the menu.
You can also add your own colour settings in Rio's Colour process for manual shot by shot changes, or apply using Groups.

Less creative Look Effects include:

- **Luminosity1:** Lift the midtones and highlights of an image to create more brightness without clipping the whites of an image
- **TungstenFix1:** Further control the reduction in tungsten lighting when it has been used heavily in a camera setup
- **DaylightFix1:** Further control the reduction in blue 'daylight' if camera was set to Tungsten/Indoor setting
- **DeLog1:** Introduce more contrast into images shot using a low contrast 'Log' gamma curve
- **MagentaFix1:** Further reduce any magenta tones in the image (particularly in skintones)
- **Exposure1:** Similar to Luminosity1, but does affect both mids/highlights

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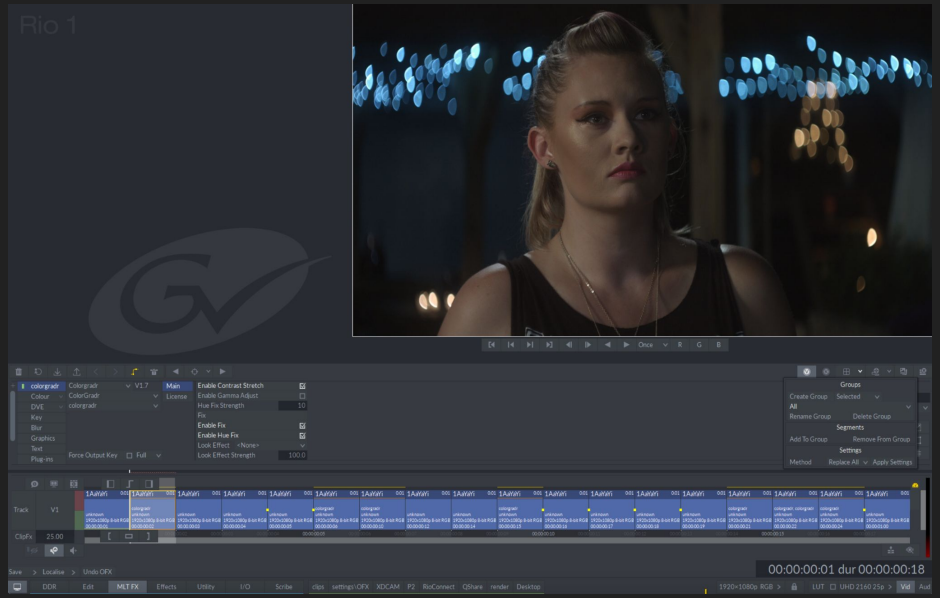

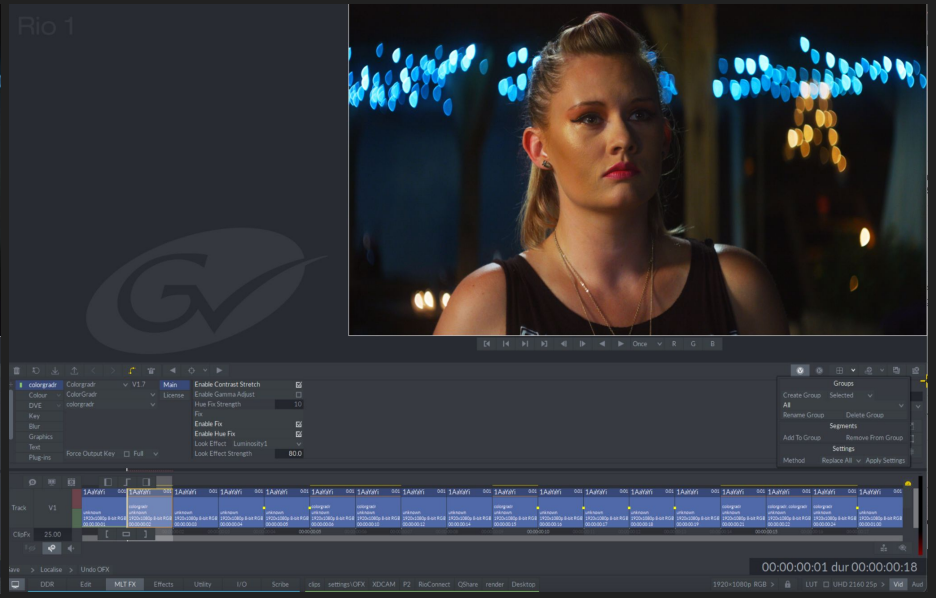

Luminosity1

Here you can see the initial Fix on the left image was still a bit dark in the midtones even after Fixing the image, but by using the Luminosity1 filter, we are able to introduce a boost to the midtones and highlights as seen on the right without losing the blue colour in the peak highlights.

You can adjust the strength of the effect by adjusting the value between 0-200%

This Look Effect can be very helpful for images shot in dark conditions but with bright lights in shot.

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Look Effects

Beautify1
Softens contrast, adds blue in to the shadows and yellow in to the highlights. This Effect has a soft pastel feel

Desaturate
Simple - reduce the amount of colour in an image

Dramatic1
Reduces the colour in an image and adds in a contrast curve that is more common in the drama genre

Glossy1
Adds warmth and colour to the image as well as a touch of contrast

Kodachrome1
Adds the effect of using a Kodachrome film stock from the mid 20th century

Lustrous1
Boost the colours of an image, without over pushing reds & yellows

ModernFilm1
Adds the effect of using a film stock from the late 20th century

Saturate
Simple - increase the amount of colour in an image

Vibrance1 & 2
Boost the colours of an image without over pushing colours that are already very colourful. Option 2 is just a variation.

Fashion1
Reduces a broad colour palette towards warmer brown tones, particularly skin-tones, while moving blues towards turquoise

Adding your own Looks
If you want to add your own specific Looks, you can do using the .cube file format. They can be pasted in to the folder below, then restart the Rio software:
Program Files/Common Files/OFX/Plugins/colorgradr.bundle/Resources/Cubes

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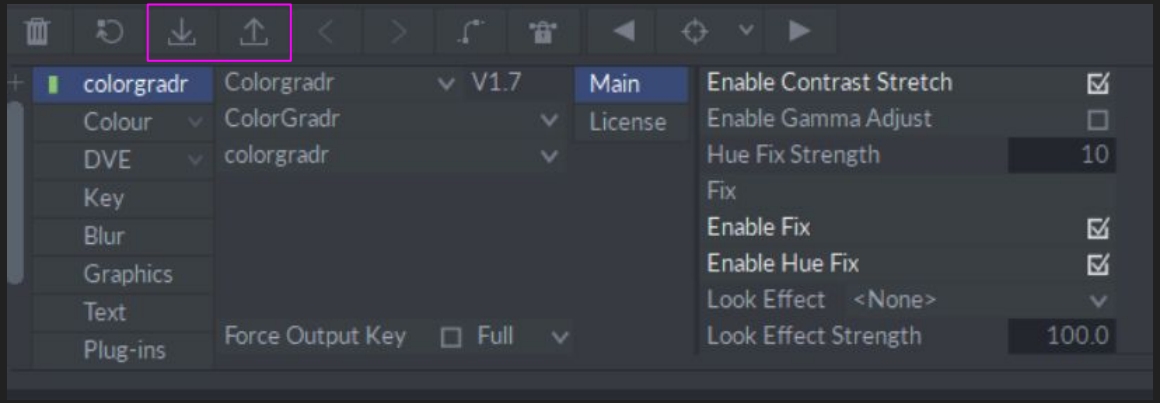

Store
Store the current ColorGradr settings in to the Rio buffer
(you can do this either pre or post Fix, and with and without Look Effect settings)

Load
Load the current ColorGradr settings from the Rio buffer.
You can take the analysis and resulting balancing from another shot and Load it onto another shot. (Store, Load, then Plugin)
You can choose to reanalyse the image by pressing Fix again if you wish.
Sometimes you may want the same correction applied to multiple shots so you may **not** need to press Fix again.

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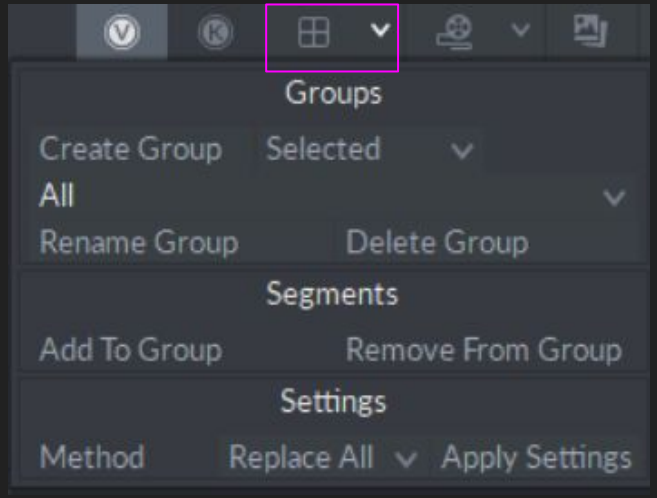

Group Control in Rio

Rio has powerful shot grouping tools. You can create your own group of shots, or just replace the ColorGradr Plugin, Colour or DVE settings across all the shots in the timeline.

You can use Groups to apply either a ColorGradr process either before or after you've done a Fix.

This can be helpful if you want to apply the plugin quickly to a number of shots with a particular Look Effect selected and just press Fix on each shot to update the result.

Usage:
Create a Group, Rename the Group, then hold down Add To Group and tap the shots you want to be in the group on the timeline (or step up/down the timeline). Press Add to Group again to turn off shot selection. Use 'Replace All' and Apply Settings.

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Save time and get better results for your video footage using ColorGradr

As part of the **Enterprise Masterclass Onboarding** you will receive more information on best practice usage from ColorGradr

If you have any questions please email us:
support@colorgradr.com

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